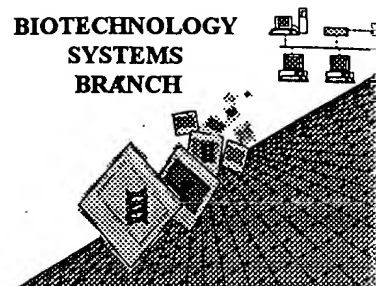


run through

RAW SEQUENCE LISTING ERROR REPORT

BIOTECHNOLOGY
SYSTEMS
BRANCH



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following CRF diskette:

Application Serial Number: 09/298,523
Art Unit / Team No. : 1645
Date Processed by STIC: 9/10/99

THE ATTACHED PRINTOUT EXPLAINS THE **ERRORS DETECTED.**

PLEASE BE SURE TO FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANTS ALONG WITH A NOTICE TO COMPLY or,

2) CALLING APPLICANTS AND FAXING THEM A COPY OF THE PRINTOUT WITH A NOTICE TO COMPLY

THIS WILL INSURE THAT THE NEXT SUBMISSION RECEIVED FROM THEM WILL BE ERROR FREE.

IF YOU HAVE ANY FURTHER QUESTIONS, PLEASE CALL:

MARK SPENCER 703-308-4212

PAGE: 1

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/298,523

DATE: 09/10/1999

TIME: 15:32:47

Input Set: I298523.RAW

This Raw Listing contains the General
Information Section and those Sequences
containing ERRORS.

Does Not Comply
Corrected Diskette Needed

1 <110> BRILES, David E.
2 HOLLINGSHEAD, Susan K.
3 BROOKS-WALTER, Alexis
4 <120> PNEUMOCOCCAL SURFACE PROTEIN C (PSPC), EPITOPIC REGIONS
5 AND STRAIN SELECTION THEREOF, AND USES THEREFOR
6 <130> 454312-3140
7 <140> US/09/298,523
8 <141> 1999-04-23
9 <150> 60/082,728
10 <151> 1998-04-23
11 <160> 276
12 <170> PatentIn Ver. 2.0

ERRORED SEQUENCES FOLLOW

13 <210> 164
E--> 14 <211> 21
15 <212> PRT
16 <213> Streptococcus pneumoniae
17 <400> 164
18 0 Thr Gly Trp Leu Gln Tyr Asn Gly Ser Trp Tyr Tyr Leu Asn
E--> 19 1h l r e 5l y s l e 10r y y e s 15l

↑

These non ASCII characters may be the
result of a bad disk sector.

FYI:

Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220> to
<223> fields of each sequence which presents at least one n or Xaa.

PAGE: 2

VERIFICATION SUMMARY
PATENT APPLICATION US/09/298,523

DATE: 09/10/1999
TIME: 15:32:47

Input Set: I298523.RAW

Line	? Error/Warning	Original Text
14	E Input 21, Calc Seq.Length 15 differ	<211> 21
19	E Invalid/Missing Amino Acid Numbering	1h 1 r e 5l y s l e 10r